

W9459-02

10/633,509

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Keng-Yu Shih

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	Copy Submitted
<i>mb</i>	4234453	11/18/1980	Rekers et al	252	428	9/20/76	<input type="checkbox"/>
	4375406	3/1/1983	Santilli	208	251	01/21/1981	<input type="checkbox"/>
	4629712	12/16/1986	Pinnavaia et al.	502	63	8/17/1984	<input type="checkbox"/>
	4637992	1/20/1987	Lewis et al.	502	84	12/17/1984	<input type="checkbox"/>
	4701432	10/20/1987	Welborn Jr.				<input type="checkbox"/>
	4716205	12/29/1987	Klabunde				<input type="checkbox"/>
	4761391	8/2/1988	Occelli	502	63	6/30/1986	<input type="checkbox"/>
	4904631	2/27/1990	Chang				<input type="checkbox"/>
	4981825	1/1/1991	Pinnavaia et al.	502	63	9/12/1989	<input type="checkbox"/>
	4995964	2/26/1991	Gortsema et al.	208	112	2/26/1988	<input type="checkbox"/>
	5008228	4/16/1991	Chang				<input type="checkbox"/>
	5238892	8/24/1993	Chang	502	111	6/15/1992	<input type="checkbox"/>
	5240894	8/31/1993	Burkhardt et al.				<input type="checkbox"/>
	5308811	5/3/1994	Suga et al.	502	62	5/1/1992	<input type="checkbox"/>
	5382738	1/17/1995	Reagen et al.				<input type="checkbox"/>
	5395808	3/7/1995	Miller et al.	502	7	12/21/1992	<input type="checkbox"/>
	5399636	3/21/1995	Alt et al.	526	129	6/11/1993	<input type="checkbox"/>
	5403799	8/4/1995	Miller et al.	502	64	12/21/1992	<input type="checkbox"/>
↓	5403809	4/4/1995	Miller et al	502	413	12/21/92	<input type="checkbox"/>

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<i>jmb</i>	5529965	6/25/1996	Chang				<input type="checkbox"/>
	5569634	10/29/1996	Miller et al	502	64	12/12/1994	<input type="checkbox"/>
	5629253	5/13/1997	Chang				<input type="checkbox"/>
	5633419	5/27/1997	Spencer et al.	585	522	6/6/1995	<input type="checkbox"/>
	5637660	6/10/1997	Nagy et al.				<input type="checkbox"/>
	5707913	1/13/1998	Schlund et al.				<input type="checkbox"/>
	5753577	5/19/1998	Hamura et al.	502	113	2/21/1997	<input type="checkbox"/>
	5807800	9/15/1998	Shamshoum et al.	502	104	2/11/1997	<input type="checkbox"/>
	5807938	9/15/1998	Kaneko et al.	526	160	2/20/1996	<input type="checkbox"/>
	5817724	10/6/1998	Aoki et al.	526	127	1/21/97	<input type="checkbox"/>
	5830820	11/3/1998	Yano et al.	502	62	3/13/1997	<input type="checkbox"/>
	5852146	12/22/1998	Reichle et al.				<input type="checkbox"/>
	5866663	2/2/1999	Brookhart et al.	526	170	7/10/1997	<input type="checkbox"/>
	5880241	3/9/1999	Brookhart	526	348	6/24/1996	<input type="checkbox"/>
	5880323	3/9/1999	Brookhart, III et al.	585	527	7/10/1997	<input type="checkbox"/>
	5886224	3/23/1999	Brookhart et al.	564	272	7/10/1997	<input type="checkbox"/>
	5891963	4/6/1999	Brookhart et al.	525	326.1	7/10/1997	<input type="checkbox"/>
✓	5955555	9/21/1999	Bennett	526	133	12/16/97	<input type="checkbox"/>

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	19746280	4/22/1999	DE	C08F	4/42	Yes	<input type="checkbox"/>	
	490226	6/17/1992	Europe	B01J	2/00	No	<input type="checkbox"/>	
	849288	12/10/1997	Europe	C08F	10/00	No	<input type="checkbox"/>	
	840202	5/24/1998	Europe	C08F	10/00	No	<input type="checkbox"/>	
	881232	12/2/1998	Europe	C08F	4/602	No	<input type="checkbox"/>	
	10-338516	12/22/1998	Japan	C01B	33/40	Yes	<input type="checkbox"/>	
	WO 99/12081	3/18/1999	PCT			No	<input type="checkbox"/>	
	WO 00/20467	4/13/2000	PCT	C08F	4/603	No	<input type="checkbox"/>	
	WO 96/23010	8/1/1996	PCT	C08F	210/16	No	<input type="checkbox"/>	
	WO 97/48743	12/24/1997	PCT	C08F	10/00	No	<input type="checkbox"/>	
	WO 98/27124	6/25/1998	PCT	C08F	10/00	No	<input type="checkbox"/>	
	WO 98/30612	7/16/1998	PCT	C08F	10/06	No	<input type="checkbox"/>	
<i>MS</i>	WO 98/56832	12/17/1998	PCT	C08F	4/70	No	<input type="checkbox"/>	
	WO 99/43722	9/2/1999	PCT	C08F	10/02	No	<input type="checkbox"/>	
	WO 99/46302	9/10/1999	PCT	C08F	4/70	No	<input type="checkbox"/>	
	WO 99/46303	9/16/1999	PCT	C08F	10/00	No	<input type="checkbox"/>	
	WO 99/46304	9/16/1999	PCT	C08F	4/70	No	<input type="checkbox"/>	

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OTHER DOCUMENTS ( Including author , Title, Date, Pertinent Pages, Etc.)

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Submitted

Pasquale Longo, Fabia Grisi, Antonio Proto, Adolfo Zambelli, "New Ni(II) based catalysts in the polymerization of olefins", Macromol. Rapid Commun. 19, 31-34 (1998)

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Lynda K. Johnson, Stefan Mecking, and Maurice Brookhart, "Copolymerization of Ethylene and Propylene with Functionalized Vinyl Monomers by Palladium (II) Catalysts", 1996 American Chemical Society, Vol. 118, No. 1, 1996

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Lynda K. Johnson, Christopher M. Killan, and Maurice Brookhart, "New Pd(II)- and Ni(II)-Based Catalysts for Polymerization of Ethylene and  $\alpha$ -olefins", Journal American Chemical Society 1995, 117, 6414-6415.

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"Novel polymerization reactions catalyzed by homogeneous Pd(II) and Ni(II)  $\alpha$ -diimino complexes", CatTech Highlights, March 1997; pg. 65-66

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"New Catalysts to Polymerize Olefins", C&EN, April 13, 1998, pp 11-12

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Rip A. Lee, Rene J. Lachicotte, and Guillermo C. Bazan, "Zirconium Complexes of 9-Phenyl-9-borataanthracene. Synthesis, Structural Characterization, and Reactivity", Journal American Chemical Society 1998, 120, 6037-6046

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Brooke L. Small, Maurice Brookhart, and Alison M.A. Bennett, "Highly Active Iron and Cobalt Catalysts for the Polymerization of Ethylene", Journal American Chemical Society 1998, 120, 4049-4050

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